Windows Vista

Click on the **Windows** button, and then click on **Connect to** from the **Start Menu**. In the **Connect to a Network** dialog box click on **Set up a connection or network** in the lower left corner. In the **Choose a connection option** dialog box that pops up, click on **Manually connect to a wireless network**. In the **Manually connect to a wireless network** dialog box, type in **WirelessCanes** for **Network name**. For **Security type**, select **No authentication (Open)**. For **Encryption type**, select **No authentication (Open)**. Click to **Check** the box **Start this connection automatically** and then make sure the **other box** is **unchecked**. Click on the **Next** button and a **Successfully added Test** dialog box pops up, then click the **Connect to**, and then double-click the newly created wireless network in the **Connect to a network** dialog box.

Apple Mac OS X

Click on the **apple** and then again on **System Preferences**, then click on the **Network** icon. Click on the **Location** menu box and select **New Location**. Name the new location **WirelessCanes** and click on **OK**. Click on the **Show** menu box and select **Airport,** and then click on the **TCP/IP** tab. Now click on the **Configure** menu box and select **Using DHCP.** Once this is done click on the **AirPort** tab bar and type in **WirelessCanes** in the **Preferred Network** box. There is **no** password required for **Network Password**, so leave this box empty.

Microsoft PocketPC

NOTE: *Please use discretion when following these instructions. Different PDA's have different client managers.*

Tap on the **Start** button, tap on **Settings**, and then on **System**. Now open up your client manager by tapping on the **Wireless Network** icon. **NOTE:** the icon may be called **Wireless LAN Utility** or similar. Once open, follow one of these steps:

1. If you are required to **add a profile** in the client manager, click on **Add**, and type in **WirelessCanes** for your **Profile Name** and select **Access Point** for the **Network Type**. Tap on **Next** and type in **WirelessCanes** for your **Network Name** or **SSID**. Tap on **Next** and make sure that encryption is **NOT** selected. Leave everything else as default and click on **Next** until you have completed the setup.

2. If your client manager has **no add** feature, tap on **Config** and type in **WirelessCanes** for the **Network Name** or **SSID**, then select **Infrastructure** for the **Mode**. Leave everything else as default and close the client manager. If your client manager is different from these setups look for the **Network Name** or **SSID** and type in **WirelessCanes**. Leave everything else as default and close the manager.

DialupCanes

A modem and a telephone line are required.

Windows XP

Click on the **Start** button, click on **Settings**, and then click on **Control Panel**. In the control panel, on the top left hand side click on the **Switch to Classic View** option. If you can only switch to Category View then you are already in Classic View and don't need to make any changes. Double click on the **Network Connections** icon, and under the **Network Tasks** menu click on **Create a new connection**. This will bring up the **Network Connection Wizard** window, click on **Next.** Select **Connect to the Internet** and click on **Next**, then select **Setup my connection manually** and click on **Next.** Now, select **Connect using a dial-up modem** and click **Next**. Enter **DialupCanes** as your **ISP Name** and click **Next**, then enter **305-284-5595** for the **Phone Number** and click **Next**. Enter your **Cane ID** and **password** and **DESELECT ALL BOXES**, and click **Next**. Now, select **Add a shortcut to this connection to my desktop** and click **Finish**. Double-click on the **DialupCanes** icon on your desktop and click on **Dial**.

Windows Vista

Click on the **Windows** button, and then click on **Control Panel**. A **Control Panel** dialog box pops up, then click on **Network and Internet**. Then Click on **Network and Sharing Center**. Click on **Set up a connection or network** under **Tasks**. Select **Set up a dial-up connection** and click **Next**. Enter **DialupCanes** as your **Connection Name**, then enter **305-284-5595** for the **Dial-up Phone Number**. Enter your **Cane ID** for the **User name** and **Cane ID Password** for the **Password** field. Now, click **Create**. You have now created a dial-up connection to **DialupCanes**..

Apple Mac OS X

Click on the **apple** and then again on **System Preferences**, then click on the **Network** icon. Click on the **Location** menu box and select **New Location**. Name the new location **DialupCanes** and click on **OK**. Click on the **Show** menu box and select **Internal Modem,** and then click on the **TCP/IP** tab. Now click on the **Configure** menu box and select **Using PPP.** In the **Telephone Number** box type in **305-284-5595,** in the **Account Name** box type in your **CaneID**, and then type in your **password** in the **Password** box. Now click on the **Modem** tab and select **Show modem status in menu bar** and click on **Apply Now** and close the window. On the top right side, next to the clock, click on the **Phone** icon and again on **Open Internet Connect….** Now click on **Connect.**

FAQ's

Q. What happens if I forget my CaneNet password?

A. Log onto myUM, go to the CaneNet Network Access application and type in a new password.

Q. What do I do if I change rooms?

A. No action is required. But, if you move from the Residential Colleges to the apartment area or off campus you will need to apply for WirelessCanes or DialupCanes Access.

Q. How often do I need to apply for CaneNet access?

A. New students need to apply for CaneNet access at the beginning of the school year. Returning students only need to reapply if they change their computer, Ethernet card and/or Wireless Ethernet card, or if they need to apply for another CaneNet service.

XBOX(XBOX 360) and PS2(PS3)

We do not currently support gaming devices or their software. These devices are not compatible with our network and do not allow you to authenticate. Check our web page for updates.

Peer-to-Peer

No use of **Peer-to-Peer** file sharing applications shall be allowed on UM-Net computers or its resources.

Please visit the Policies & Procedures section --A065 Peer-to-Peer Policy on the Information Technology webpage at **www.miami.edu/information-technology**

Please visit our website for further information and for updates at **www.miami.edu/canenet**.

You can contact the **Telecom Helpdesk** at **305-284-6565 (8-6565)** *option 1*, or email us at

telecomhelpdesk@miami.edu.

Hours:
Monday through Friday from 8:00 a.m. to 6:00 p.m.

CaneNet Connection @ Richter

For walk-up support of CaneNet, WirelessCanes, or Dial-Up Canes, please go to the student customer support center located at the Richter Library breezeway next to Starbucks. **Hours**: Monday through Friday from 9:00 a.m. to 5:00 p.m

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UNIVERSITY OF MIAMI

TELECOMMUNICATIONS

The Department of Telecommunications presents **CaneNet**, the portal to Internet service and network access for University students. Telecommunications makes it easy for students to get connected and stay connected to the University network. Students can access the network through one or all of our services:

CaneNet – a hard-wired Ethernet connection into the network. This is ***only*** accessible to students who live in the Residential Colleges.

WirelessCanes –a wireless Ethernet connection allowing students to connect to the network via wireless from various locations on campus. Students living in the apartment area will need to apply for WirelessCanes.

DialupCanes –a 56K dial-up connection into the network allowing off campus students access to the Internet and e-mail services.

Whichever access method you select, you will need to apply for CaneNet access and configure your computer settings accordingly. This guide will take you through the basic steps on how to apply and get connected.

For further information you can visit our website at **www.miami.edu/canenet** or email us at **telecomhelpdesk@miami.edu**.

CONFIGURING YOUR NETWORK SETTINGS

Before you can apply for **CaneNet** access you need to configure your computer's network settings. Follow these steps to configure the network settings. *Only* change what is mentioned, leave everything else as computer default.

If you have an external Ethernet card or wireless Ethernet card insert it into your computer.

Windows XP

Click on the **Start** button, click on **Settings**, and then click on **Control Panel**. In the control panel, on the top left hand side click on the **Switch to Classic View** option. If you can only switch to Category View then you are already in Classic View and don't need to make any changes. Double click on the **Network Connections** icon, then again on the **Local Area Connection**. Select and highlight **Internet Protocol (TCP/IP)** and then click on the **Properties** tab. Select **Obtain an IP Address automatically** and **Obtain DNS Server Address automatically** then click **OK** and again one last time, and close all windows.

Windows Vista

Click on the **Windows** button, right-click **Network**, then click **Properties**. Under **Tasks** located on the left-hand side of the window, click **Manage network connections**. Right-click on the correct **Local Area Connection**, then click **Properties**. If a pop-up window pops up, then click **Continue** to open the **Local Area Connection Properties** window. Select **Internet Protocol Version 4 (TCP/IPv4)**, then click **Properties**. From the **General** tab, verify that **Obtain an IP address automatically** and **Obtain DNS server address automatically** are selected. Click **OK** and close all windows.

Apple Mac OS X

Click on the **apple**, then on **System Preferences**, and again on the **Network** icon. Click on the **Show** menu box and select **Built-in Ethernet**. Click on the **TCP/IP** tab bar and then select **Using DHCP** in the **Configure** menu box. Make sure that the **Domain Name Servers** and **Search Domains** boxes are empty; if not, erase all information in the boxes. **Repeat** these steps for the **Internal Modem** and the **Airport** options in the **Show** menu box. Once this has been completed click **Apply Now**.

Microsoft PocketPC

Tap on the **Start** button, tap on **Settings**, and then on **Connections** and again on the **Connections** icon. For the first connection setting select **Internet Settings**, for the second select **Internet Settings**, and for the third setting select **Work**.
NOTE: **DO NOT** modify any of these settings.

FINDING THE ADAPTER ADDRESS

Next, you will have to find your adapter address (the MAC address) of your Ethernet and/or Wireless Ethernet card in order to complete the **CaneNet** access application.

NOTE: This is **not** required for students applying for **DialupCanes**.

The adapter address may be located on the back of the external Ethernet card and/or Wireless Ethernet card. For internal cards or if you cannot locate the MAC address follow these steps:

Windows XP

Click on the **Start** button, then on **Run** and type in **command** in the box, and click on **OK**. This will bring up a **DOS Command Prompt**, type in **ipconfig/all** and press **Enter**. On the right hand side of the screen, look for the **physical address** and this will be your adapter address. Make sure the **description** above the **physical address** has '*Ethernet*' or '*Ethernet adapter'* in the description. The physical address is a 12 character alphanumeric string, usually beginning with **00** or **08**, separated by dashes (xx-xx-xx-xx-xx-xx). An adapter address that begins with **44** is an **incorrect** address.

Windows Vista

Click on the **Windows** button and then type in **cmd** in search dialogue and press enter. In the **DOS Command Prompt** box that pops up, type **ipconfig/all** and press **Enter**. On the right hand side of the screen, look for the **physical address** and this will be your adapter address. Make sure the **description** above the **physical address** has '*Ethernet*' or '*Ethernet adapter'* in the description. The physical address is a 12 character alphanumeric string, usually beginning with **00** or **08**, separated by dashes (xx-xx-xx-xx-xx-xx). An adapter address that begins with **44** is an **incorrect** address.

Apple Mac OS X

Click on the **apple** and then again on **System Preferences**, then click on the **Network** icon. In the **Show** menu, select **Built-in Ethernet** and then click on the **TCP/IP** tab. At the bottom of the **TCP/IP** window you will find your **Ethernet Address**.

Microsoft PocketPC

NOTE: *Please use discretion when following these instructions. Different PDA's have different client managers;*

For **external cards**, the MAC address will be on the back of the card. For **internal cards**, tap on the **Start** button, tap on **Settings**, and then on **System**. Now open up your client manager by tapping on the **Wireless Network** icon.
NOTE: the icon may be called **Wireless LAN Utility** or similar. Tap on **Info** and your **MAC Address** will appear in this menu. If you do not have an **Info** tab click on each of the tabs and look for the **MAC Address**.

APPLYING FOR CANENET ACCESS

You can only apply for **CaneNet** access through myUM. The myUM system can be accessed from any computer lab on campus or from any computer that has Internet access.

You can also access the myUM system from the Residential colleges by plugging your Ethernet cable into the **red outlet** in the jack on the wall and double clicking on **Internet Explorer** or **Netscape**. This will automatically connect you to the myUM system, if not type in **https://myum.miami.edu** in the address bar.

Follow these steps to apply for access**:**

1. Go to **https://myum.miami.edu**

2. Enter your **CaneID**.

3. Enter your **CaneID Password**. If you do not have a **CaneID/Password** click on "First Time using **CaneID**".

4. After logging in**,** from the **myUM** Main Menu, click on the **My Student Menu** tab, scroll down to **Student Life**, and click on **CaneNet Network Access.**

5. Students who have never registered for **CaneNet**, **Wireless Canes** or **Dial-Up Canes** before are given a **CaneID** default password that needs to be reset.

6. To change or reset your **CaneID** password, please click on the link **https://caneid.miami.edu**.

7. In the Application for Network Access webpage, enter your **Adapter Address** for **CaneNet** or **WirelessCanes Access** and/or select **DialupCanes Access** then click on "**Submit Changes.**" You are allowed to enter up to two MAC address for both **CaneNet** and **WirelessCanes**. You will then receive a confirmation message. Allow 15 minutes for activation.

CONNECTING TO A CANENET SERVICE

Follow these steps to connect to one or all of the **CaneNet** services. Once you have completed the required configurations double click on **Internet Explorer** or **Netscape** and when prompted enter your **Username** and your **password** (created when applying for **CaneNet** access).

CaneNet

Residential Colleges only.

An Ethernet card and an Ethernet cable are required.

Windows XP and Apple Mac's

With your computer off, connect your Ethernet cable from your computer to the **red outlet** in the jack on the wall. Turn on your computer.

WirelessCanes

IMPORTANT: *An **802.11b/g** wireless Ethernet card is required.*

Insert your external card into the computer and/or follow these instructions accordingly:

Windows XP

Click on the **Start** button, click on **Settings**, and then click on **Control Panel.** In the control panel, on the top left hand side click on the **Switch to Classic View** option. If you can only switch to Category View then you are already in Classic View and don't need to make any changes. Double click on the **Network Connections** icon and again on the **Wireless Network Connection** and then click on **Advanced.** In the **Wireless Networks** menu, select **Use Windows to configure my wireless network settings**. Under the same tab, click on **Add** in the **Preferred Networks** box and type in **WirelessCanes** for the **Network Name** or **SSID**. For **Data encryption,** select **Disabled**. Click on the **Authentication** tab and, if possible, **DESELECT ALL BOXES** then click on **OK**. Now click on the **Advanced** tab and, if possible, **DESELECT ALL BOXES**. Then click on **OK**. Close all windows and restart your computer.